



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yura Hirofumi et al.  
Serial No.: 09/831,419  
Filed: August 13, 2001  
Title: FUNCTIONAL CHITOSAN DERIVATIVE  
Docket: 33550

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
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Sir:

In accordance with 37 C.F.R. 1.97 and 1.98, Applicant is submitting herewith Form PTO-1449 listing references for consideration by the Examiner. Also submitted herewith is a legible copy of each reference. As to the FR 2490648 reference, which is not in English, the following is an explanation of its relevance: This reference describes pyridinyl azido as a photosensitive compound and its introduction into chitosan polymer to produce a photosensitive resin. The undersigned hereby certifies that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

PEARNE & GORDON LLP

By

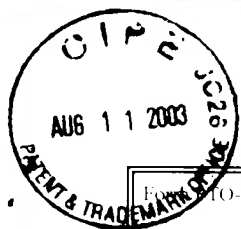
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For: 110-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 33550	SERIAL NO. 09 831,419
INFORMATION DISCLOSURE CITATION BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Yura Hirofumi et al.	
		FILING DATE: August 13, 2001	GROUP ART UNIT: 1623

### U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date If Appropriate
	A						
	B						
	C						
	D						
	E						
	F						
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### FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
	H	WO 99/01498	1/1999	PCT			
	I	WO 93/05793	4/1993	PCT			
	J	2 490 648	9/1980	France			
	K						
	L						

### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

M	Sei-ichi Aiba et al: "Covalent immobilization of chitosan derivatives onto polymeric film surfaces with the use of a photosensitive hetero-bifunctional crosslinking reagent", Biomaterials, November 1987, Vol. 8, pages 481-488, XP-002062555
N	Patent Abstracts of Japan, vol. 14, no. 188 (C-710), 17 April 1990 (1990-04-17) & JP 02 032101 A (KAWAKEN FINE CHEM CO LTD), 1 February 1990 (1990-02-01), abstract: examples 4-6; table 1
P	

Examiner: \_\_\_\_\_